

Comparisons of Job Characteristics

Focus Occupation: Tire Repairers and Changers (49-3093)

Associated Occupation: Automotive Service Technicians and Mechanics (49-3023)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 90

Focus Occupation: Tire Repairers and Changers (49-3093)

Associated Occupation: Automotive Service Technicians and Mechanics (49-3023)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Mechanical	6.8	20.8	16.1	<<	Extensive education and/or training may be required
Customer and Personal Service	11.3	15.1	8.8	<<	Extensive education and/or training may be required
Engineering and Technology	5.7	12.9	6.1	<<	Extensive education and/or training may be required
Physics	4.3	8.6	1.9	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 70

Focus Occupation: Tire Repairers and Changers (49-3093)

Associated Occupation: Automotive Service Technicians and Mechanics (49-3023)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Repairing	3.4	12.7	7.1	<<	Extensive development of skills in this area may be required
Equipment Maintenance	3.5	11.6	5.1	<<	Extensive development of skills in this area may be required
Troubleshooting	4.5	11.4	7.4	<<	Extensive development of skills in this area may be required
Operation and Control	5.4	11.1	8.9	<	A higher skill level may be required
Operation Monitoring	6.6	10.9	7.5	<<	Extensive development of skills in this area may be required
Quality Control Analysis	5.9	10.4	6.9	<<	Extensive development of skills in this area may be required

Equipment Selection	3.3	9.4	4.9	<<	Extensive development of skills in this area may be required
Installation	1.7	6.4	2.4	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 77			
Focus Occupation: Tire Repairers and Changers (49-3093)					
Associated Occupation: Automotive Service Technicians and Mechanics (49-3023)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Extent Flexibility	4.8	14.4	11.1	<<	Extensive improvement in abilities may be required
Control Precision	6.6	13.5	8.9	<<	Extensive improvement in abilities may be required
Finger Dexterity	7.6	12.6	8.6	<<	Extensive improvement in abilities may be required
Manual Dexterity	6.5	12.4	10.7	<	Some improvement in abilities may be required
Arm-Hand Steadiness	6.8	12.2	6.8	<<	Extensive improvement in abilities may be required
Multilimb Coordination	6.0	12.0	11.1	0	Current ability level may be sufficient
Hearing Sensitivity	5.6	11.8	5.9	<<	Extensive improvement in abilities may be required
Auditory Attention	5.9	10.6	5.6	<<	Extensive improvement in abilities may be required
Sound Localization	2.2	5.9	3.4	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 81
Focus Occupation: Tire Repairers and Changers (49-3093) Associated Occupation: Automotive Service Technicians and Mechanics (49-3023)		
Work Activities	Exclusivity of Activity	
Adhere to safety procedures	12	
Estimate time or cost for installation, repair, or construction projects	54	
Fabricate, assemble, or disassemble manufactured products by hand	11	
Move or fit heavy objects	8	
Perform safety inspections in industrial, manufacturing or repair setting	32	
Read vehicle manufacturer's specifications	76	
Read work order, instructions, formulas, or processing charts	9	

Use hand or power tools	2
Use knowledge of metric system	39
Use lifting equipment in vehicle repair setting	87
Use oral or written communication techniques	1
Use pneumatic tools	66

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 83

Focus Occupation: Tire Repairers and Changers (49-3093)

Associated Occupation: Automotive Service Technicians and Mechanics (49-3023)

Tools and Technologies	Exclusivity
Business function specific software	1
Computers	1
Cutting and crimping and punching tools	3
Data management and query software	1
Dispensing tools	6
Finance accounting and enterprise resource planning ERP software	2
Forming tools	2
Holding and clamping tools	3
Length and thickness and distance measuring instruments	2
Lifting equipment and accessories	3
Machine tools	7
Marking tools	11
Pneumatic tools	8
Power tools	2
Prying and bending tools	10
Pumps	9
Rough and finishing tools	5
Safety apparel	4
Safety footwear	21
Vehicle servicing equipment	43
Vision protection and accessories	3
Wrenches and drivers	2

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.